

Engineering Technical Order

Date: October 31, 2011

NEXRAD Dual Polarization Installation

This notice reminds sites that during the Dual Pol installation the Radome is a non-permit required confined space as long as all energy has been locked out. However, when the INCO team performs the calibration of the system, (EHB 6-510, paragraphs 6.6.3.3.8 and 6.6.3.3.11) the Radome becomes a confined space permit required because this calibration requires the technicians to stand behind the non-rotating antenna that emits non-ionizing radiation in the front of the antenna dish. This means that an Entry Permit must be filled out and signed by the site MIC, ESA, etc., allow the INCO team access to the dome and equipment. The attendant needs to be outside the Radome and in communication with the Technician inside the Radome via handi talkies, cell phones, intercoms, etc.

The INCO team should bring a copy of the entry permit with them. If they do not have a copy, this form (3 pages long) can be found in the Safety Summary of EHB 6-510, dated 15 September 2011, or a later version of this manual. The form is Figure SS-2. Also, any time a site must perform a calibration IAW EHB 6-510, paragraphs 6.6.3.3.8 and 6.6.3.3.11, the Radome is a confined space permit required.